

ABSTRACT

Presented are Computer program products, methods, systems, and apparatus for fingerprinting finger printing and process matching process tools such as process

5 tools used for processing workpieces are described. One embodiment includes a method of matching a first data set and a second data set where the first data set and the second data set include an operating characteristic for a process. The method comprises the steps of: i. fingerprinting the first data set and the second data set; ii. finding correspondences between transition points in the first data set and the second

10 data set; and iii. comparing the first data set and second data set using the correspondences from step ii to determine whether the first data set and the second data set match.